

FDMF SERIES

Cooling Only



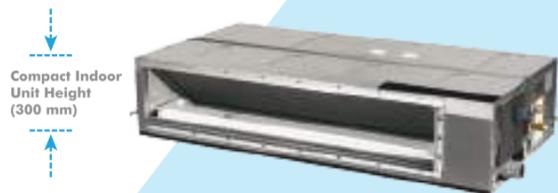
R-32



Flexible use of space is made possible using ducts to create a room filled with comfort.

The compact, and elegant design Ceiling Concealed Indoor Unit of the FDMF Series are the perfect answers for the air-conditioners requirements of building with minimum Ceiling Installation space and wide-ranging external static pressure, energy saving efficiency has been improved, thereby reducing electricity consumption.

FDMF50/71/90/100/125/140



USE REMOTE CONTROLLER TO ADJUST AIRFLOW



HIGH EFFICIENCY SWING ROTARY COMPRESSOR



HIGH AMBIENT TEMPERATURE WORKING UP TO 48°C



MOST SILENT INDOOR OPERATION *26 dB



HIGH PRESSURE & COMPRESSOR OVERLOAD SAFETY



UNDER VOLTAGE & OVER VOLTAGE PROTECTION FOR ODU

ACCESSORY REQUIRED FOR INDOOR UNIT

Wireless LCD Remote Controller

Option

A signal receiver must be added to the indoor unit.



BRC4C66



SIGNAL RECEIVER UNIT (Installed type)

Wireless remote controller and signal receiver unit are sold separately.

Navigation Remote Controller

Standard



BRC1E62/BRC1E63 (Wired Remote Controller)

Note: Remote controller cable not included. Cables must be procured locally.

1 TR (tons of refrigeration) = 3.517 KW
*Applicable for selected models

FEATURES

	FDMF	Cooling Only
Comfort	Switchable fan speed (3-speed fan setting)	•
	Programme 'Dry'	•
	Two selectable temperature-sensors	*1
	Hot start (after defrost)	—
	Year-round cooling applicable	—
	Night quiet operation	*2
	Timer selector	•
	Weekly schedule timer	*3
Cleanliness	Anti-bacterial air filter	*4
	Silver ion anti-bacterial drain pan	•
Work & Servicing	Drain pump mechanism	•
	Pre-charged for up to 30 m for 90-140 models	•
	Pre-charge for up to 15m for (50/71) models.	•
	Long-life filter for 90-140 models	*4
	Filter sign	•
	Low gas pressure detection	*2
	Emergency operation	•
	Self-diagnosis function	•
Control Features	Auto-restart	•
	Auto-cooling/heating change-over	—
	Control by 2 remote controllers	•
	Group control by 1 remote controller	•
	External command control	•
	Central remote control	•
Options	Interlock control	•
	High-efficiency filter	•
Others	Anti-corrosion treated heat exchangers	*2

*1 Applicable when wired remote controller is used

*2 For outdoor units

*3 Applicable when BRC1E62 is used

*4 Option

#Due to continuous R&D, features may vary from model to model

COMFORT

• QUIET OPERATION

INDOOR UNIT	dB(A)	
	HIGH	LOW
50 D	33	26
71 D	38	34
90 D	38	32
100 D	38	32
125 D	42	35
140 D	42	35

• TWO SELECTABLE TEMPERATURE-SENSORS

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature must be set during commissioning by the technicians.

Temperature-sensor on indoor unit must be used when the air-conditioner is controlled from another room. Wireless remote controller does not have a temperature-sensor.

• INCREASED FREEDOM OF DESIGN, THANKS TO VARIABLE CONTROL OVER EXTERNAL STATIC PRESSURE

Comfort airflow achieved in accordance with conditions such as duct length. Using a DC fan motor, the external static pressure can be controlled within a range of 50 Pa to 200 Pa.

